



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-607-511
Job Sheet 169907



Part No: D350-607-511

Job Qty: 5 ea

Part Name: AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/3/18

Job Tracking No:

Due Date: 1/19/18

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Heliswiss Iberica SA (CHELI02)

Hangar 4, Lado Norte, Aeropuerto De Sabadell, Barcelona Sabadell, , 08205 Spain ph:011 34 93 720 6090
fx:34-937-100130.

Note: DWG REV E IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL IPP REV:B 13.12.30 PER RE.C
ECN13-672 DD VERF:RQ IPP REV:C 14.06.09 AS PER ECN14-572 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea		1/19/18	0.00	0.00	Start Up Stores/Pkg-2		
140	Packaging	5 pcs		1/19/18	0.00	0.00	Packaging1-3		
150	QC	5 pcs		1/19/18	0.00	0.00	QC4		
155	DC	5 pcs		1/19/18	0.00	0.00	DC		
160	Packaging	5 pcs		1/19/18	0.00	0.00	Packaging3-1		
170	QC21-FG	5 Ea		1/19/18	0.00	0.00	QC21		

Part Op Descriptions: 155 - Photocopy bluefile & type labels per PPP D350-607-511 CHG007

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN4-14A 5031977	100	912	0	0
	AN4-42A 5031967	20	117	0	0
	AN6-13A 5031956	10	57	0	0
	D3501-1 5031954	40	243 5038A	0	0
	D3910-3 5031889	10	44 5038A	0	0
	D3910-5 5031888	5	35 5038A	0	0
	D3910-7 5031885	5	29 5038A	0	0
	D3984-030 5031883	10 40	75 5038A	0	0
	D4085-3 5031881	5	18 5038A	0	0
	D4148-041 5017481 x1	12	9 5038A	0	0
	D4149-041 5031868	5	4 5038A	0	0
	D4713-1 5031847	5	6	0	0
	D4775-041 5029902 x1	10	9	0	0
	D4776-3 5030711	10	16	0	0
	MS21042L4 5031841	120	3,684	0	0
	MS21042L6 5031824	10	370	0	0
	MS3367-5-0 5031823	5	43	0	0
	NAS1149F0432P 5031817	200	1,375	0	0
	NAS1149F0663P 5031812	20	128	0	0

Part Specifications

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ Desr _____	DISPOSITION Rework ☐ Scrap ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>to Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>			Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	to Fab ☐	Composite ☐	Supplier ☐																																				
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																				
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																				
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																				
to Fab ☐	Composite ☐	Supplier ☐																																																					
Start up Operation CHG007 Job No: 169907 01/27/18 Operation: Revision: Original Serial #: S036059 D350-607-511 Mounting Provisions, Fits LH/RH PART NO: AS350/AS355 Quick Release Basket/Long Cargo Tube  1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Canada TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com Dart Aerospace Ltd. S036059 AEROSPACE 																																																							
			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																				
<table style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4">Root Cause</td> </tr> <tr> <td style="width:15%;">Environment ☐</td> <td style="width:15%;">No Re-verification ☐</td> <td style="width:15%;">Pressure ☐</td> <td style="width:15%;">Power Loss/Surge ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bending ☐</td> <td>Folio/Program ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> <td>Grain ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> <td>Weld ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Wrong Stock Pulled ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> <td>Out of Sequence ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> <td>Off-set ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> <td>Mislabeled ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> <td>Fit/Function ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> <td>Misaligned/off center ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td></td> <td></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td colspan="2">OTHER : _____</td> </tr> </table>				Root Cause				Environment ☐	No Re-verification ☐	Pressure ☐	Power Loss/Surge ☐	Design ☐	Operator ☐	Bending ☐	Folio/Program ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	Grain ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Weld ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Wrong Stock Pulled ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Out of Sequence ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Off-set ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Mislabeled ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Fit/Function ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Misaligned/off center ☐	Past Expiry Date ☐	Manufacturing Process ☐			Misidentified ☐	Past Due ☐	OTHER : _____	
Root Cause																																																							
Environment ☐	No Re-verification ☐	Pressure ☐	Power Loss/Surge ☐																																																				
Design ☐	Operator ☐	Bending ☐	Folio/Program ☐																																																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	Grain ☐																																																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Weld ☐																																																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Wrong Stock Pulled ☐																																																				
Material ☐	Use for Testing ☐	Cuffs ☐	Out of Sequence ☐																																																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Off-set ☐																																																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Mislabeled ☐																																																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Fit/Function ☐																																																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Misaligned/off center ☐																																																				
Past Expiry Date ☐	Manufacturing Process ☐																																																						
Misidentified ☐	Past Due ☐	OTHER : _____																																																					

Specifications could not be found.

Plex 1/3/18 10:20 AM dart.poulin.mario

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

Q Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Master Unit 000144

Containers on Master Unit 000144				
Serial No	Part No	Customer Part No	Status	Quantity
S031977	AN4-14A		Allocated	100
S031967	AN4-42A		Allocated	20
S031956	AN6-13A		Allocated	10
S031954	D3501-1		Allocated	40
S031889	D3910-3		Allocated	10
S031888	D3910-5		Allocated	5
F101858	D3910-7		Allocated	3
S031885	D3910-7		Allocated	5
S031883	D3984-030	D3984-030	Allocated	40
S031881	D4085-3	D4085-3	Allocated	5
S031868	D4149-041		Allocated	5
S031847	D4713-1	D4713-1	Allocated	5
S029896	D4775-041		Allocated	9
S029902	D4775-041		Allocated	1
S032777	D4776-3		Allocated	10
S031841	MS21042L4	MS21042L4	Allocated	120
S031824	MS21042L6		Allocated	2
S031823	MS3367-5-0		Allocated	5
S031817	NAS1149F0432P		Allocated	200

NAS1149F0432P S031817 200
D4148-041 S036538 XS

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				8	8	D3501-1	BUSHING
				2	2	D3910-3	X-TUBE LUG
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1					1	D4917-300	PLACARD, MAX LOAD
1						D4086-200	PLACARD, MAX LOAD
	1				1	D4917-315	PLACARD, MAX LOAD
	1					D4086-215	PLACARD, MAX LOAD
		1			1	D4917-320	PLACARD, MAX LOAD
		1				D4086-220	PLACARD, MAX LOAD
			1		1	D4917-332	PLACARD, MAX LOAD
1	1	1	1	1	1	D4085-3	PLACARD, INSTRUCTIONS
			1			D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
				1	1	D4713-1	SPACER
				2	2	D4775-041	STRUT ASSEMBLY
				2	2	D4776-3	SKIDTUBE CLEVIS
6	6	6	6		6	AN4-13A	BOLT
				20	22	AN4-14A	BOLT
				4	4	AN4-42A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
				2	2	AN6-13A	BOLT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	24	32	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21042L6	NUT
1	1	1	1		1	MS24665-151	COTTER PIN
				1	1	MS3367-5-0	TIE WRAP
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	40	56	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER
				4	4	NAS1149F0663P	WASHER

• COPYRIGHT © 2010 BY DART AEROSPACE LTD. •
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: E

Date: 16.11.25